National Accreditation Board for Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

TRANSFORMER TESTING LABORATORY, RAYCHEM RPG (P) LIMITED

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

GAT NO 426/2B, CHAKAN-TALEGAON ROAD, MAHALUNGE VILLAGE , TALUKA KHED, PUNE, MAHARASHTRA, INDIA

in the field of

TESTING

Certificate Number: TC-5395

Issue Date: 16/04/2023 **Valid Until:** 15/04/2025

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : RAYCHEM- RPG PRIVATE LIMITED

Signed for and on behalf of NABL

N. Venkateswaran
Chief Executive Officer

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	TRANSFORMER TESTING LABORATORY, RAYCHEM RPG (P) LIMITED, GAT NO 426/2B, CHAKAN-TALEGAON ROAD, MAHALUNGE VILLAGE , TALUKA KHED, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5395	**Page No**	1 of 1
Validity	16/04/2023 to 15/04/2025	**Last Amended on**	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	ACOUSTIC NOISE LEVEL	IEC 60076 (PART10)
2	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	HARMONICS OF NO-LOAD CURRENT	IEC 60076 (PART1)
3	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	IMPEDANCE (Principle Tapping)	IEC 60076 (PART1)
4	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	INDUCED OVER VOLTAGE TEST	IEC 60076 (PART3)
5	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	INSULATION RESISTANCE	IEC 60076 (PART1)
6	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	LIGHTINING IMPULSE TEST	IEC 60076 (PART3)
7	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	LOAD LOSS (Principle Tapping)	IEC 60076 (PART1)
8	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	MEASUREMENT OF CAPACITANCE	IEC 60076 (PART1)
9	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	MEASUREMENT OF TAN DELTA	IEC 60076 (PART1)
10	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	NO LOAD EXCITATION CURRENT	IEC 60076 (PART1)
11	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	NO LOAD LOSS	IEC 60076 (PART1)
12	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	PARTIAL DISCHARGE TEST	IEC 60076 (PART3)
13	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	SEPARATE SOURCE VOLTAGE WITHSTAND TEST	IEC 60076 (PART3)
14	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	TEMPERATURE RISE TEST	IS 2026 (PART2)
15	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	VOLTAGE RATIO & POLARITY TEST	IEC 60076 (PART1)
16	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	WINDING RESISTANCE TEST	IEC 60076 (PART1)
17	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	ZERO PHASE SEQUENCE IMPEDANCE	IEC 60076 (PART6)
18	ELECTRICAL- INSULATING MATERIALS & INSULATORS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	OIL BREAKDOWN VOLTAGE TEST	IEC 60156